

NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) 12-8-99 are:

A ☒ not objected to by the Draftperson under 37 CFR 1.84 or 1.152

B ☒ objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings if necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAFTER'S MARKS. 37 CFR 1.84(a): Acceptable categories of drawings:
B) Ink. Color.

Color drawing are not acceptable until petition is granted

Fig(s) _____

Pencil and non black ink is not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b):

Photographs are not acceptable until petition is granted.

3 full-tone sets are required. Fig(s) _____

Photographs not properly mounted (must be on board or photographic double-weight paper). Fig(s) _____

Poor quality (half tones). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(c):

Paper not flexible, strong, white and durable

Fig(s) _____

Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin)

Mylar, vellum paper is not acceptable (too thin)

Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4)

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawings sheets not the same size

Sheet(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
SIZE: A4 Size

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s) 1

Top (T) ☒ Left (L)

Right (R) ☒ Bottom (B)

6. VIEWS. 37 CFR 1.84(h):

PREFACE: Specification may require revision to correspond to drawing changes

Views connected by projection lines or lead lines

Fig(s) _____

Partial views. 37 CFR 1.84(h)(2)

Brackets needed to show figure as one entity

Fig(s) _____

Views not labeled separately or properly

Fig(s) _____

Enlarged view not labeled separately or properly

Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

Halfing not indicated for sectional portions of an object

Fig(s) _____

Sectional designation should be noted with Arabic or

Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

Views do not appear on a horizontal, left to right fashion when page is either upright or turned, so that the top becomes the right side except for graphs. Fig(s) _____

Views not on the same plane on drawing sheet. Fig(s) _____

9. SCALE. 37 CFR 1.84(j)

Scale not large enough to show mechanism with crowding when drawing is reduced in size to two thirds in reproduction

Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(k)

Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality).

Fig(s) 1-6

11. SHADING. 37 CFR 1.84(m)

Solid black areas pale. Fig(s) _____

Solid black shading not permitted. Fig(s) _____

Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

Numbers and reference characters not plain and legible.

Fig(s) 1-6

Figure legends are poor. Fig(s) 23, 5, 6

Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s) _____

English alphabet not used. 37 CFR 1.84(p)(3) Fig(s) _____

Numbers, letters and reference characters must be at least .32 mm (.8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

Lead lines cross each other. Fig(s) _____

Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r)

Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(s)

Views not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(v)

Corrections not made from PTO 918 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152

Surface shading shown not appropriate. Fig(s) _____

Solid black shading not used for color contrast

Fig(s) _____

COMMENTS

REVIEWER JC

DATE 4-26-00 TELEPHONE NO. 703 305-8420

ATTACHMENT TO PAPER NO. 14

1. COPY

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. I is changed to Fig. 1A, Fig. IB, Fig. IC, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawing changes.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The identification number of the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to be contacted if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawing in accordance with 37 CFR 1.84(c). Applicant may delay filing until receipt of the Notice of Allowability (PTOL 37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal form addressed to the Drawing Review Branch.

2. Timing of Corrections

Applicant is required to submit **acceptable** corrected drawings as soon as the drawings are returned to the applicant by the Office. If a correction is not practicable by the date the drawings are returned to the applicant, the applicant may arrange to have **acceptable** corrections submitted within the period of the extension of time, and paying the extension fee. The correction should be submitted as soon as practicable.

Failure to file a **correct** type within a reasonable period of time will result in a **FINAL** rejection of the application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Transmittal

Although it is the desire of the Office that they not multiply, corrections to drawings may be made by the Drawing Review Branch. If the applicant desires to make corrections to drawings, the applicant should submit the corrected drawings to the Drawing Review Branch. The applicant should also submit a written explanation of the corrections and the reasons why they are necessary.